

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
3030-69441SERIAL No.  
10/022,494

## INFORMATION DISCLOSURE STATEMENT

APPLICANT  
Michael J. DianaFILING DATE  
December 17, 2001GROUP  
3753 (filing receipt)

## U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
AA		4,159,806	03 Jul 1979	Scharfenberger			
AB		4,311,724	19 Jan 1982	Scharfenberger			
AC		4,348,425	07 Sep 1982	Scharfenberger			
AD		4,350,720	21 Sep 1982	Scharfenberger			
AE		4,356,868	02 Nov 1982	Bentley et al.			
AF		4,403,736	13 Sep 1983	Scharfenberger			
AG		4,592,305	03 Jun 1986	Scharfenberger			
AH		5,058,812	22 Oct 1991	Cox et al.			
AI		5,318,065	07 Jun 1994	Edwards et al.			
AJ		5,632,816	27 May 1997	Allen et al.			
AK		5,725,150	10 Mar 1998	Allen et al.			

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes No
	AL						
	AM						
	AN						
	AO						
	AP						

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	"If you don't have one already, you would do well to consider a pigging program implemented on a regular basis". John Nehrbass, Flow Control, October, 2001, Vol. VII, No. 10, pages 34-38
AS	
AT	
AU	
AV	
AW	
AX	
AY	
AZ	

Examiner

Date Considered

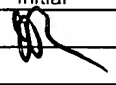
\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.  
Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
3030-69441SERIAL No.  
10/022,494

## INFORMATION DISCLOSURE STATEMENT

APPLICANT  
Michael J. DianaFILING DATE  
December 17, 2001GROUP  
3753 (filing receipt)

## U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	BA	RE32,151	20 May 1986	Scharfenberger			
	BB						
	BC						
	BD						
	BE						
	BF						
	BG						
	BH						
	BI						
	BJ						
	BK						

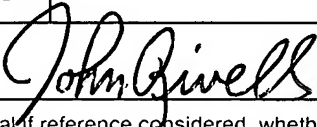
## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes No
	BL						
	BM						
	BN						
	BO						
	BP						

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	BR	
	BS	
	BT	
	BU	
	BV	
	BW	
	BX	
	BY	
	BZ	

Examiner



Date Considered

9/30/03

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.  
Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
3030-69441SERIAL No.  
10/022,494

## INFORMATION DISCLOSURE STATEMENT

APPLICANT  
Michael J. DianaFILING DATE  
December 17, 2001GROUP  
3753 (filing receipt)

## U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA	6,037,010	14 Mar 2000	Kahmann et al.			
	AB	6,090,450	18 Jul 2000	Kahmann et al.			
	AC	US 2001/0013315	16 Aug 2001	Klein et al.			
	AD	5,913,637	22 Jun 1999	Rajabali et al.			
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

RECEIVED

JUN 25 2002

TECHNOLOGY CENTER R3700

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes No
	AL	10006310	16 Aug 2001	Germany			X (Abstract)
	AM	43 42 128	14 Jun 1995	Germany			X (Abstract only)
	AN	41 33 840	15 Apr 1993	Germany			X (Abstract only)
	AO	198 16 041	21 Oct 1999	Germany			X (Abstract only)
	AP	19729051	07 Jan 1999	Germany			X (Abstract only)

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	
	AS	
	AT	
	AU	
	AV	
	AW	
	AX	
	AY	
	AZ	

Examiner

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
3030-69441SERIAL No.  
10/022,494

## INFORMATION DISCLOSURE STATEMENT

APPLICANT  
Michael J. DianaFILING DATE  
December 17, 2001GROUP  
3753 (filing receipt)

## U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	BA						
	BB						
	BC						
	BD						
	BE						
	BF						
	BG						
	BH						
	BI						
	BJ						
	BK						

RECEIVED

JUN 25 2002

TECHNOLOGY CENTER R3700

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes No
	BL	10107753	24 Apr 1998	Japan			X (Abstract only)
	BM	199 37 426	15 Mar 2001	Germany			X (Abstract only)
	BN	198 19 339	09 Dec 1999	Germany			X (Abstract only)
	BO						
	BP						

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	BR	
	BS	
	BT	
	BU	
	BV	
	BW	
	BX	
	BY	
	BZ	

Examiner

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.  
Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.